



Attorney's Docket No.: 16163-005001 / AM100379

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : William Stuart Somers et al. Art Unit : 1646
Serial No. : 09/903,876 Examiner : M. Pak
Filed : July 11, 2001
Title : CRYSTAL STRUCTURE OF ESTROGEN RECEPTOR-BETA COMPLEX AND
USES THEREOF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 2-4-04

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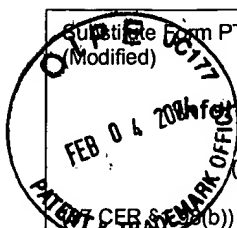
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 Substitute Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant (Use several sheets if necessary)	Attorney's Docket No. 16163-005001	Application No. 09/903,876
	Applicant William Stuart Somers et al.	
	Filing Date July 11, 2001	Group Art Unit 1646

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,228,990	5/8/01	Ljunggren et al.			
	AB	6,476,196	11/5/02	Ljunggren et al.			

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AC	Bourguet, W, et al. <i>Nature</i> 1995, 375: 377-382. "Crystal structure of the ligand-binding domain of the human nuclear receptor RXR- α "
	AD	Brzozowski, A, et al. <i>Nature</i> 1997, 389: 753-758
	AE	Ding, S, et al. <i>Mol. Endocrinol.</i> 1998, 12: 302-313. "Nuclear Receptor-Binding Sites of Coactivators Glucocorticoid Receptor Interacting Protein 1 (GRIP1) and Steroid Receptor Coactivator 1 (SRC-1): Multiple Motifs with Different Binding Specificities"
	AF	Evans, RM, <i>Science</i> 1988, 240:889-895. "The Steroid and Thyroid Hormone Receptor Superfamily."
	AG	Glass, CK et al. <i>Curr. Opin. Cell Biol.</i> 1997, 9: 222-232. "Nuclear receptor coactivators"
	AH	Heery, D, et al. <i>Nature</i> 1997, 387: 733-736. "A signature motif in transcriptional co-activators mediates binding to nuclear receptors"
	AI	Horwitz, KB, et al. <i>Mol. Endocrinol.</i> 1996, 10:1167-1177. "Nuclear Receptor Coactivators and Corepressors"
	AJ	Kuiper JJGM, et al. <i>Proc. Natl. Acad. Sci. USA</i> 1996, 93:5925-5930. "Cloning of a novel estrogen receptor expressed in rat prostate and ovary"
	AK	Le Douarin, B, et al. <i>EMBO J.</i> 1996 15: 6701-6715. "A possible involvement of TIF1 α and TIF1 β in the epigenetic control of transcription by nuclear receptors"
	AL	Renaud, J, et al. <i>Nature</i> 1995, 378: 681-689. "Crystal structure of the RAR- γ ligand-binding domain bound to all- <i>trans</i> retinoic acid"
	AM	Shiau, A, et al. <i>Cell</i> 1998, 95: 927-937. "The Structural Basis of Estrogen Receptor/Coactivator Recognition and the Antagonism of This Interaction by Tamoxifen"
	AN	Suen, C-S, et al. <i>J. Biol. Chem.</i> 1998, 273: 27645-27653. "A Transcriptional Coactivator, Steroid Receptor Coactivator-3, Selectively Augments Steroid Receptor Transcriptional Activity"
	AO	Tanenbaum, DN, et al. <i>Proc. Natl. Acad. Sci. USA</i> 1998, 95: 5998-6003. "Crystallographic comparison of the estrogen and progesterone receptor's ligand binding domain"
	AP	Torchia, J, et al. <i>Nature</i> 1997, 387: 677-684. "The transcriptional co-activator p/CIP bind CBP and mediates nuclear-receptor function"
	AQ	Tsai, MJ, et al. <i>Annu. Rev. Biochem.</i> 1994, 63:451-486. "Molecular mechanisms of action of steroid/thyroid receptor superfamily members"

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	